GOVERNMENT OF INDIA
WATER RESOURCES
LOK SABHA

STARRED QUESTION NO:362
ANSWERED ON:19.04.2000
WATER MANAGEMENT
P.D. ELANGOVAN;T.T.V. DHINAKARAN

Will the Minister of WATER RESOURCES be pleased to state:

(a) whether per capita availability of water i s falling sharply in the country on account of increasing population and shrinkage of Himalayan glaciers;

(b) if so, the details thereof; and

(c) the concrete and scientific steps taken/proposed to be taken by the Government to augment and harness the water resources in each State ?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESORUCES (SMT. BIJOYA CHAKRAVARTY)

(a) to (c) A statement is laid on the Table of the House.

STATEMENTREFERREDTO IN REPLY TOPARTS (a) TO (c) OF STARRED QUESTION NO.362 TO BE ANSWERED IN T LOK SHABA ON 19.4.2000 REGARDING WATER MANAGEMENT.

The annual availability of water in the country is more or less constant. However, due to increase in the population, the per capita availability of water in the country has reduced from 5177 cu.m. in 1951 to 1869 cu.m. at present. Although the studies carried out by the Geological Survey of India (GSI) on Gangotri Glacierin Himalayas have indicated that the glacier is receding gradually but it has no proven significant effect on the overall availability of Water Resources in the country.

To harness available water resources and augment water supplies, about 3600 large dams & reservoirs have been constructed to provide a total live storage capacity of 177 BCMby 1995. An additional live storage capacity of 75 BCM willbe created on completion of the dams, which are under various stages of construction. Proposals to take up additional dams to create a live storage of 132 BCM are also under formulation/consideration. The State wise details are given in Annexure-I.

Government of India is also promoting Watershed Management Programme, Artificial Recharge of GroundWater and Roof-Top Rain water Harvesting for which technical and financial assistance is provided to the State Governments and other implementing agencies. Central Ground Water Board has also taken up pilot studies for artificial recharge of ground water.

ANNEXURE - I

STATEMENT STORAGES

Unit: M.Cum

SI.No	STATE	LIVE STORAGE CAPACITIES			
		Completed Project	Projects Under Construction	Total Projects Under Consideration	
1.	Andhra Pradesh	24851.42	7123.27	31974.69	1726.97
2.	Arunachal	-	-	-	45500.00
3.	Pradesh	-	1054.32	1054.32	1023.90

4.	Assam	4660.93	4352.73	9013.66	3583.13
5.	Bihar	44.30	674.45	718.75	-
6.	Goa	14919.07	7248.38	22167.45	258.00
7	Gujarat	-	-	-	356.40
8.	Haryana	13806.44	109.55	13915.99	14.95
9.	Himachal Pradesh	-	-	-	96.69
10.	Jammu & Kashmir	21556.07	3013.31	24569.38	1948.57
11.	Karnataka		1615.69	6233.50	8091.28
12.	Kerala	4617.81	21633.14	40213.27	5174.83
13.	Madhya Pradesh	18580.13	12918.88	35014.59	16315.00
14.	Maharashtra	22095.71	124.58	521.08	508.94
15.	Manipur	396.50	-	697.96	-
16.	Meghalaya	697.96	-	-	-
17.	Mizoram	-	1220.00	1220.00	21864.08
18.	Nagaland	-	3304.63	17591.40	-
19.	Orissa	14286.77	2344.00	2368.75	1800.63
20.	Punjab	24.75	1591.48	9914.63	-
21.	Rajasthan	8323.15	-	-	-
22.	Sikkim	-	36.55	6756.06	-
23.	Tamil Nadu	6719.51	-	312.00	20160.16
24.	Tripura	312.00	7057.56	23404.92	171.44
25.	Uttar Pradesh	16347.36	-	1775.15	-
26.	West Bengal	1475.15	-	-	-
27.	A.&N.Island	-	-	-	-
28.	Chandigarh	-	-	-	-
29.	D.&N.Haveli	-	-	-	-
30.	Daman & Diu	-	-	-	-
31.	Delhi	-	-	-	-
32.	Lakshadeep	-		13.79	-
	Pondicherry	13.79			
	Total in M.cum.	173728.8	75422.51	249151.33	132323.89
	(TOTAL (BCM)	2173.73	75.42	249.15	132.30

Note: Projects having a live storage capacity of 10 M. Cum. And above only are included. An additional live storage capacity of 3 Cubic-km. (approx.) is estimated to be created through medium projects each having a capacity of less than 10 M.Cum. Thus making a total live storage capacity of 177 Cubic Km. In completed Project.